

# WEF NEXUS APPROACH IN MALAYSIA

#### MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION MALAYSIA (MOSTI)

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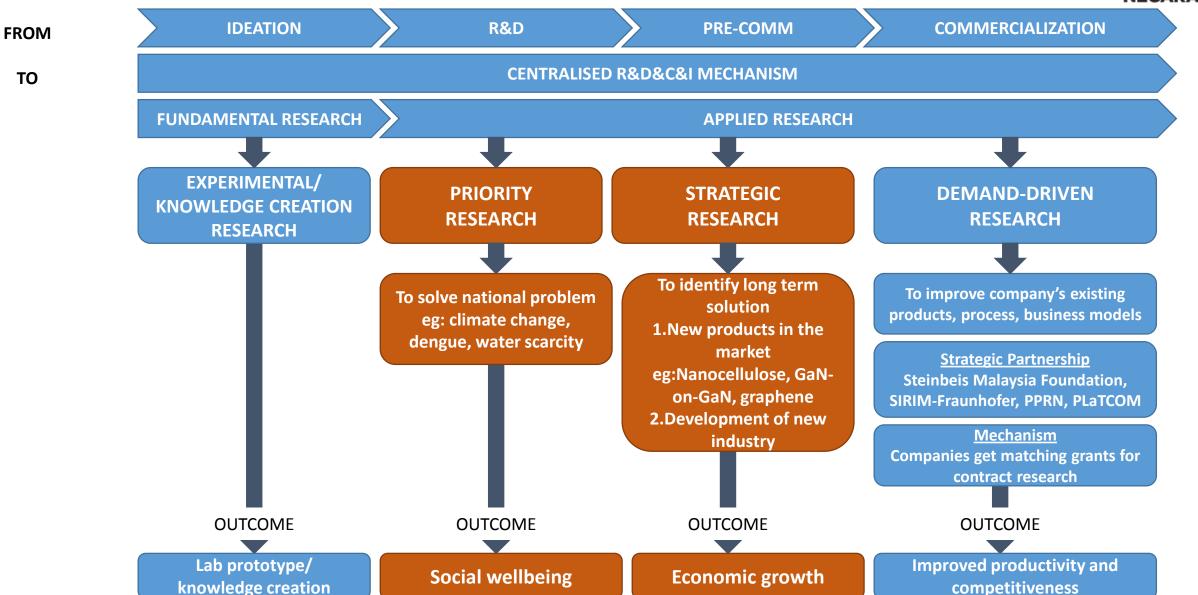
## **OUTLINE**

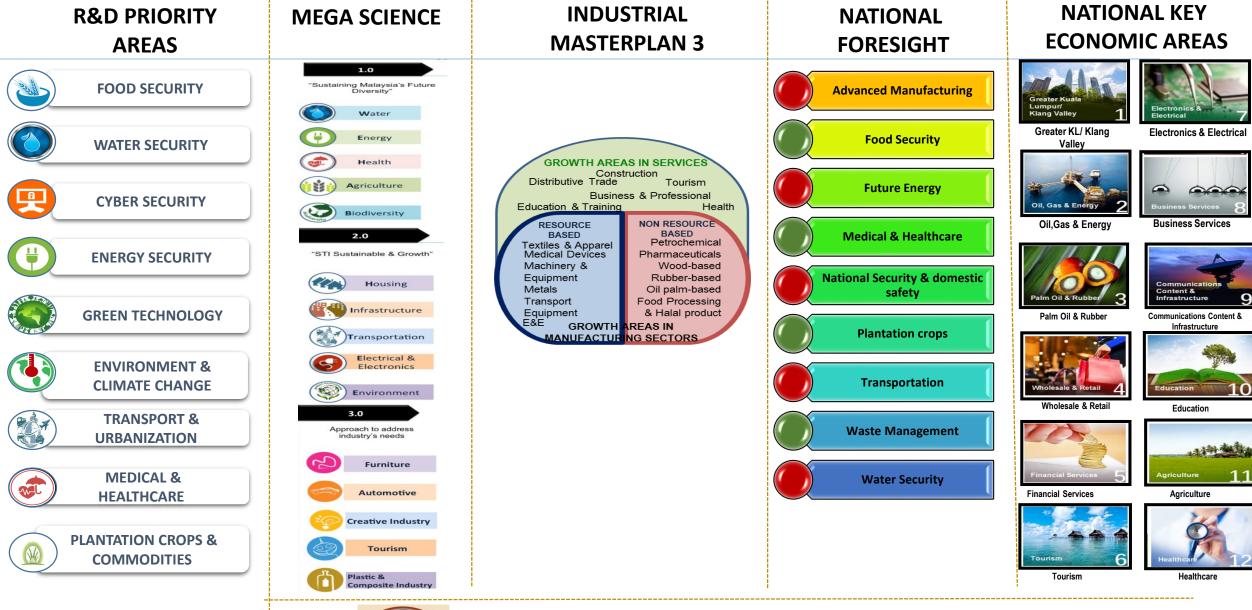


- 11<sup>th</sup> Malaysia Plan (Strategy Research-Paper 21)
- Existing Priority Research Areas
- R&D Themes
- Challenges & Opportunities WEF Nexus in Malaysia

#### **11TH MALAYSIA PLAN (STRATEGY RESEARCH - PAPER 21)**









Cross Cutting Technologies

- ✓ ICT
- ✓ Biotechnology
- ✓ Nanotechnology



#### EXISTING R&D PRIORITY AREAS



# THEMATIC AREAS

**MEDICAL &** 

**HEALTHCARE** 



WATER, FOOD & ENERGY NEXUS



GREEN GROWTH & SUSTAINABLE DEVELOPMENT



#### **ENABLERS**

- Digital Technology
- Biotechnology
- ✓ Nanotechnology
- ✓ Green Technology
- ✓ Neuro Technology

## CHALLENGES



Understanding of WEF Nexus

Silo mentality (ministries and agencies)

Bureaucracy (ministries)



### **OPPORTUNITIES**



- Better understanding on WEF Nexus
- TN50 A 30 years strategic plan
- The formulation of National Science Council
- Strategic partners from the private sector



# THANK

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## ELEVENTH MALAYSIA PLAN 2016-2020

ANCHORING GROWTH ON PEOPLE

Preparing people for the future: We need a nation where the *rakyat* are prepared for a future that is increasingly knowledge-based. This means investing in talent and skills development, increasing productivity, and unleashing the power of innovation.